

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|-----------------|------------------|---------|------------------|
| L1 | 117 | ((Yigal near1 Accad) (Richard near1 Falk) (Mark near1 Kelley)).in. | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:03 |
| L2 | 270 | (electronics near2 imaging).as. | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:03 |
| L3 | 1 | (L1 L2) and (trap\$4 and colorant).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:03 |
| L4 | 175999 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:03 |
| L5 | 665 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with L4 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:03 |
| L6 | 88 | (358/3.04).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:03 |
| L7 | 150 | (358/3.05).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:03 |
| L8 | 50 | (358/3.11).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:03 |
| L9 | 137 | (358/3.12).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:03 |
| L10 | 2170 | (382/167).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |
| L11 | 257 | (382/272).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |
| L12 | 1706 | (382/274).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |

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|-----|--------|---|--------------------|----|-----|---------------------|
| L13 | 81 | (382/271).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |
| L14 | 383 | (382/205).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |
| L15 | 191 | (382/308).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/04/16 17:04 |
| L16 | 2 | L5 and L6 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L17 | 5 | L5 and L7 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L18 | 2 | L5 and L8 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L19 | 1 | L5 and L9 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L20 | 9 | L5 and L10 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L21 | 1 | L5 and L11 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L22 | 2 | L5 and L12 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L23 | 0 | L5 and L13 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L24 | 2 | L5 and L14 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| L25 | 1 | L5 and L15 | US-PGPUB; USPAT | OR | ON | 2009/04/16 17:04 |
| S1 | 107 | ((Yigal near1 Accad) (Richard near1 Falk) (Mark near1 Kelley)).in. | US-PGPUB; USPAT | OR | ON | 2007/08/16 13:19 |
| S2 | 225 | (electronics near2 imaging). as. | US-PGPUB; USPAT | OR | ON | 2007/05/30 16:38 |
| S3 | 1 | (S1 S2) and (trap\$4 and colorant).clm. | US-PGPUB; USPAT | OR | ON | 2007/05/31 12:11 |
| S4 | 2 | (S1 S2) and (trap\$4).clm. | US-PGPUB; USPAT | OR | ON | 2007/05/30 16:41 |
| S5 | 141256 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/30 17:09 |

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|-----|--------|--|---------------------------|----|-----|---------------------|
| S7 | 5012 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/30 17:10 |
| S8 | 7 | ("20010033686" "20020051156" "20030053159" "20030090689" "4725966" "6549303" "6556313"). PN. | US-PGPUB; USPAT | OR | ON | 2007/05/31 12:25 |
| S9 | 141475 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:09 |
| S10 | 3 | ("2002/0051156").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S11 | 2 | ("2003/0090689").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S12 | 0 | ("2003/0053159").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S13 | 2 | ("2001/0033686").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S14 | 14 | ("4583116" "5477335" "5500746" "5737003" "5760815" "5764388" "5774156" "5907414" "6345117").PN. OR ("6556313").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:29 |
| S15 | 10 | ("5542052" "5581667" "5619242" "6031544" "6345117" "6377711").PN. OR ("6549303").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:29 |
| S16 | 23 | ("3996421" "4389677" "4517607" "4555801" "4583116" "4586089" "4599656" "4617592").PN. OR ("4725966").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 15:48 |

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|-----|-------|---|---------------------------|----|-----|---------------------|
| S17 | 20 | ("20030063301" "20030090689" "4583116" "4626902" "4725966" "4931861" "5113249" "5295236" "5386483" "5542052" "5613046" "5668931" "5686998" "6141462" "6341020" "6345117" "6377711" "6549303" "6654145").PN. OR ("6795214").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:37 |
| S18 | 742 | (358/3.26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:48 |
| S19 | 2176 | (358/518).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:48 |
| S20 | 171 | S9 and S18 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:49 |
| S21 | 450 | S9 and S19 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:49 |
| S22 | 5028 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:49 |
| S23 | 1042 | S9 and S22 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:50 |
| S24 | 67991 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:56 |
| S25 | 522 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S9 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:48 |
| S26 | 50 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with (trap\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/31 16:08 |
| S27 | 12 | S25 and S18 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:57 |

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|-----|-------|--|--------------------|----|----|---------------------|
| S28 | 16 | S25 and S19 | US-PGPUB; USPAT | OR | ON | 2007/05/31 16:00 |
| S29 | 26 | S25 and S22 | US-PGPUB; USPAT | OR | ON | 2007/08/16 12:27 |
| S30 | 1 | (US-20050219631-\$).did. | US-PGPUB | OR | ON | 2007/05/31 16:29 |
| S31 | 1 | S30 and ((surrounding adj1 pixel) with (circular elliptical \$3)) | US-PGPUB | OR | ON | 2007/05/31 16:29 |
| S32 | 1 | S30 and ((pixel) with (circular elliptical\$3)) | US-PGPUB | OR | ON | 2007/05/31 16:30 |
| S33 | 1 | S30 and ((circular elliptical \$3)) | US-PGPUB | OR | ON | 2007/05/31 16:53 |
| S34 | 32098 | (circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S35 | 4081 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S36 | 2910 | (circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:59 |
| S37 | 350 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:59 |
| S38 | 148 | S36 and S37 | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S39 | 64 | (circular and elliptic\$6) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:58 |
| S40 | 1995 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 17:04 |
| S41 | 219 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 17:03 |
| S42 | 66 | S40 and S41 | US-PGPUB | OR | ON | 2007/05/31 17:00 |

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|-----|------|---|-----------------|----|----|------------------|
| S43 | 2 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S25 | US-PGPUB | OR | ON | 2007/05/31 17:04 |
| S44 | 8 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S25 | US-PGPUB | OR | ON | 2007/05/31 17:06 |
| S45 | 53 | (trap\$4) with (window or kernel or block or area or neighbor\$3 or neighborhood) with (circular round elliptic\$5 oval) | US-PGPUB | OR | ON | 2007/05/31 17:07 |
| S46 | 21 | (US-20050219631-\$ or US-20030090689-\$ or US-20030053159-\$ or US-20020051156-\$ or US-20010033686-\$ or US-20030128377-\$ or US-20010055130-\$ or US-20030063302-\$ or US-20030011796-\$).did. or (US-6556313-\$ or US-6549303-\$ or US-6844942-\$ or US-6813042-\$ or US-6795214-\$ or US-6654145-\$ or US-7116821-\$ or US-6345117-\$ or US-6970271-\$ or US-6377711-\$ or US-6992798-\$ or US-5542052-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S47 | 5 | S46 and (colorant) | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S48 | 1 | S46 and (colorant) and (circular) | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S49 | 14 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and S25 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:49 |
| S50 | 9989 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:50 |
| S51 | 15 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) and (358/1.9).ccls. | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:51 |
| S52 | 0 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same S25 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:51 |
| S53 | 2 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same ((color print\$3) with (trap\$4)) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:53 |
| S54 | 87 | ((pipe\$1lin\$3 parallel) near2 process\$3) same S9 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |
| S55 | 1 | ((pipe\$1lin\$3 parallel) near2 process\$3) and S46 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S56 | 351 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |
| S57 | 105 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:57 |
| S58 | 4 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:57 |
| S59 | 13 | (("6377711") or ("20010055130") or ("6795214") or ("20030128377") or ("20030063302") or ("20030063302") or ("6345117") or ("20030011796") or ("5542052") or ("6884942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 21:21 |
| S60 | 4 | (("6141462") or ("5581667") or ("6549303") or ("6834124")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 08:54 |
| S61 | 141475 | overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:06 |
| S62 | 522 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S61 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:07 |
| S63 | 1551 | (382/167).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 09:07 |
| S64 | 1242 | (382/274).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 09:08 |

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|-----|--------|--|--------------------|----|----|---------------------|
| S65 | 6 | S62 and S63 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:08 |
| S66 | 2 | S62 and S64 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:08 |
| S67 | 141475 | overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 same ((pipe\$1lin \$3 parallel) near2 (process\$3 comput\$3 render\$3)) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| S68 | 7171 | S67 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| S69 | 383 | S68 and trap\$4 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| S70 | 297 | S69 and (@ad<"20031120") | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| S71 | 219 | S70 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| S72 | 118 | S70 and "382".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| S73 | 106 | S67 same ((pipe\$1lin\$3 parallel) near2 (process\$3 comput\$3 render\$3)) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| S74 | 29 | S73 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:21 |
| S75 | 22 | S73 and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:25 |
| S76 | 102 | S73 and (trap\$4 or overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:25 |
| S77 | 33 | S73 and (trap\$4 or overlap\$4 or superimpos\$4 or superposition\$3) same (print \$3) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:28 |
| S78 | 1 | (US-5848224-\$).did. | USPAT | OR | ON | 2007/06/01 09:40 |

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|-----|--------|--|---|----|-----|------------------|
| S79 | 2 | (US-5581667-\$ or US-6141462-\$).did. | USPAT | OR | ON | 2007/06/01 09:34 |
| S80 | 1 | S78 and (pipelin\$3) | USPAT | OR | ON | 2007/06/01 09:40 |
| S81 | 13 | (US-20010055130-\$ or US-20030011796-\$ or US-20030063302-\$ or US-20030128377-\$).did. or (US-7116821-\$ or US-6884942-\$ or US-6345117-\$ or US-6813042-\$ or US-6970271-\$ or US-6377711-\$ or US-6654145-\$ or US-6795214-\$ or US-5542052-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/08/16 13:10 |
| S82 | 145378 | overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/08/16 12:27 |
| S83 | 5201 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 12:27 |
| S84 | 535 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S82 | US-PGPUB; USPAT | OR | ON | 2007/08/16 12:27 |
| S85 | 27 | S84 and S83 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/16 12:27 |
| S86 | 1 | ("4573621").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 12:37 |
| S87 | 16 | "4573621" | US-PGPUB; USPAT | OR | ON | 2007/08/16 12:51 |
| S88 | 1 | ("5848224").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 12:51 |

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|-----|--------|---|--------------------|----|-----|---------------------|
| S89 | 1 | ("6141462").PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 13:08 |
| S90 | 7 | (("5581667") or ("5542052") or ("6844942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 13:10 |
| S91 | 16 | ((("6377711") or ("20010055130") or ("5848224") or ("6795214") or ("20030128377") or ("20030063302") or ("6345117") or ("20030011796") or ("6141462") or ("5581667") or ("5542052") or ("6844942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/16 13:20 |
| S92 | 242 | (electronics near2 imaging).as. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S93 | 113 | ((Yigal near1 Accad) (Richard near1 Falk) (Mark near1 Kelley)).in. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S94 | 1 | (S93 S92) and (trap\$4 and colorant).clm. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S95 | 2 | (S93 S92) and (trap\$4).clm. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S96 | 152098 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S97 | 5571 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S98 | 7 | ("20010033686" "20020051156" "20030053159" "20030090689" "4725966" "6549303" "6556313").PN. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|--------|---|------------------------|----|-----|------------------|
| S99 | 152098 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S100 | 3 | ("2002/0051156").URPN. | USPAT | OR | ON | 2008/01/14 17:08 |
| S101 | 14 | ("4583116" "5477335" "5500746" "5737003" "5760815" "5764388" "5774156" "5907414" "6345117").PN. OR ("6556313").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 17:08 |
| S102 | 13 | ("5542052" "5581667" "5619242" "6031544" "6345117" "6377711").PN. OR ("6549303").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 17:08 |
| S103 | 24 | ("3996421" "4389677" "4517607" "4555801" "4583116" "4586089" "4599656" "4617592").PN. OR ("4725966").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 17:08 |
| S104 | 21 | ("20030063301" "20030090689" "4583116" "4626902" "4725966" "4931861" "5113249" "5295236" "5386483" "5542052" "5613046" "5668931" "5686998" "6141462" "6341020" "6345117" "6377711" "6549303" "6654145").PN. OR ("6795214").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/01/14 17:08 |
| S105 | 4 | ("2003/0090689").URPN. | USPAT | OR | ON | 2008/01/14 17:08 |
| S106 | 0 | ("2003/0053159").URPN. | USPAT | OR | ON | 2008/01/14 17:08 |
| S107 | 3 | ("2001/0033686").URPN. | USPAT | OR | ON | 2008/01/14 17:08 |
| S108 | 806 | (358/3.26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |

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|------|-------|---|--------------------|----|-----|---------------------|
| S109 | 2377 | (358/518).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S110 | 180 | S99 and S108 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S111 | 475 | S99 and S109 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S112 | 562 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S99 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S113 | 12 | S112 and S108 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S114 | 1 | (US-20050219631-\$).did. | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S115 | 1 | S114 and ((pixel) with (circular elliptical\$3)) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S116 | 1 | S114 and ((circular elliptical \$3)) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S117 | 35958 | circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S118 | 4561 | elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S119 | 21 | (US-20050219631-\$ or US- 20030090689-\$ or US- 20030053159-\$ or US- 20020051156-\$ or US- 20010033686-\$ or US- 20030128377-\$ or US- 20010055130-\$ or US- 20030063302-\$ or US- 20030011796-\$).did. or (US- 6556313-\$ or US-6549303-\$ or US-6844942-\$ or US- 6813042-\$ or US-6795214-\$ or US-6654145-\$ or US- 7116821-\$ or US-6345117-\$ or US-6970271-\$ or US- 6377711-\$ or US-6992798-\$ or US-5542052-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S120 | 1 | S119 and (colorant) and (circular) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|-------|---|--------------------|----|-----|---------------------|
| S121 | 5 | S119 and (colorant) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S122 | 1 | ((pipe\$1lin\$3 parallel) near2 process\$3) and S119 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S123 | 18 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) and (358/1.9).ccls. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S124 | 5571 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S125 | 117 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S126 | 13 | ("6377711") or ("20010055130") or ("6795214") or ("20030128377") or ("20030063302") or ("20030063302") or ("6345117") or ("20030011796") or ("5542052") or ("6884942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S127 | 74011 | neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S128 | 1149 | S99 and S124 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S129 | 16 | S112 and S109 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S130 | 29 | S112 and S124 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S131 | 58 | neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with (trap\$3) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S132 | 3248 | (circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2008/01/14 17:08 |

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|------|-------|--|-----------------|----|----|------------------|
| S133 | 375 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S134 | 161 | S132 and S133 | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S135 | 69 | (circular and elliptic\$6) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S136 | 2216 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S137 | 1 | S114 and ((surrounding adj1 pixel) with (circular elliptical \$3)) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S138 | 232 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S139 | 10 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S112 | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S140 | 71 | S136 and S138 | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S141 | 2 | (elliptical\$3 or elliptic or (egg \$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S112 | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S142 | 60 | (trap\$4) with (window or kernel or block or area or neighbor\$3 or neighborhood) with (circular round elliptic\$5 oval) | US-PGPUB | OR | ON | 2008/01/14 17:08 |
| S143 | 15 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and S112 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S144 | 10690 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S145 | 0 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same S112 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S146 | 3 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same ((color print\$3) with (trap\$4)) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|--------|---|-----------------|----|-----|------------------|
| S147 | 90 | ((pipe\$1lin\$3 parallel) near2 process\$3) same S99 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S148 | 376 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S149 | 5 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S150 | 4 | ("6141462") or ("5581667") or ("6549303") or ("6834124").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S151 | 152098 | overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S152 | 562 | neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S151 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S153 | 1697 | (382/167).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S154 | 6 | S152 and S153 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S155 | 152098 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation) or overprint | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|------|---|-----------------|----|-----|------------------|
| | | \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 same ((pipe\$1lin\$3 parallel) near2 (process\$3 comput\$3 render\$3)) | | | | |
| S156 | 7704 | S155 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S157 | 414 | S156 and trap\$4 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S158 | 1368 | (382/274).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S159 | 2 | S152 and S158 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S160 | 111 | S155 same ((pipe\$1lin\$3 parallel) near2 (process\$3 comput\$3 render\$3)) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S161 | 35 | S160 and (trap\$4 or overlap\$4 or superimpos\$4 or superposition\$3) same (print\$3) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S162 | 304 | S157 and (@ad< "20031120") | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S163 | 119 | S162 and "382".clas. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S164 | 226 | S162 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S165 | 30 | S160 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S166 | 24 | S160 and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S167 | 107 | S160 and (trap\$4 or overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S168 | 1 | (US-5848224-\$).did. | USPAT | OR | ON | 2008/01/14 17:08 |
| S169 | 2 | (US-5581667-\$ or US-6141462-\$).did. | USPAT | OR | ON | 2008/01/14 17:08 |
| S170 | 1 | S168 and (pipelin\$3) | USPAT | OR | ON | 2008/01/14 17:08 |
| S171 | 13 | (US-20010055130-\$ or US-20030011796-\$ or US-20030063302-\$ or US-20030128377-\$).did. or (US-7116821-\$ or US-6884942-\$ or US-6345117-\$ or US-6813042-\$ or US-6970271-\$ or US-6377711-\$ or US-6654145-\$ or US-6795214-\$ or US-5542052-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|--------|---|---|----|-----|---------------------|
| S172 | 152098 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form \$3 or formation)) or overprint \$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S173 | 5571 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S174 | 1 | ("6141462").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S175 | 16 | (("6377711") or ("20010055130") or ("5848224") or ("6795214") or ("20030128377") or ("20030063302") or ("6345117") or ("20030011796") or ("6141462") or ("5581667") or ("5542052") or ("6844942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S176 | 562 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S172 | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |
| S177 | 29 | S176 and S173 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/14 17:08 |
| S178 | 1 | ("4573621").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S179 | 16 | "4573621" | US-PGPUB; USPAT | OR | ON | 2008/01/14 17:08 |

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|------|---|---|--------------------|----|-----|---------------------|
| S180 | 1 | ("5848224").PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |
| S181 | 7 | (("5581667") or ("5542052") or ("6844942") or ("6813042") or ("6654145") or ("6970271") or ("7116821")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/01/14 17:08 |

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